## Author Index for Volume 137/138

ALPAY, DANIEL and DYM, HARRY: Structured Invariant Spaces of Vector Valued Rational Functions, Hermitian Matrices, and a Generalization of the Iohvidov Laws, 137

ALPAY, DANIEL and DYM, HARRY: Structured Invariant Spaces of Vector Valued Functions, Sesquilinear Forms, and a Generalization of the Iohvidov Laws, 413

Anderson, B. D. O. and Antoulas, A. C.: Rational Interpolation and State-Variable Realizations, 479

ANTOULAS, A. C.: See Anderson, B. D. O.

ANTOULAS, A. C., BALL, J. A., KANG, J., and WILLEMS, J. C.: On the Solution of the Minimal Rational Interpolation Problem, 511

BALL, J. A.: See Antoulas, A. C.

Ball, Joseph A., Gohberg, Israel, and Rodman, Leiba: Common Minimal Multiples and Divisors for Rational Matrix Functions, 621

BALL, JOSEPH A., and KANG, JEONGOOK: Matrix Polynomial Solutions of Tangential Lagrange-Sylvester Interpolation Conditions of Low McMillan Degree, 699

BALL, JOSEPH A. and RAKOWSKI, MAREK: Minimal McMillan Degree Rational Matrix Functions with Prescribed Local Zero-pole Structure, 325

Ball, Joseph A., Rodman, Leiba and Van Dooren, Paul: Preface, 1

BULTHEEL, ADHEMAR: See Xu, Guo-liang

DYM, HARRY: See Alpay, Daniel

EVARD, JEAN-CLAUDE and GRACIA, JUAN-MIGUEL: On Similarities of Class  $C^p$  and Applications to Matrix Differential Equations, 363

FOIAS, CIPRIAN, FRAZHO, ARTHUR, and TAN-NENBAUM, ALLEN: On Certain Minimal Entropy Extensions Appearing in Dilation Theory, 213

Frazho, Arthur: See Foias, Ciprian

GOHBERG, ISRAEL: See Ball, Joseph A.

GOHBERG, I., KAASHOEK, M. A. and RAN, A. C. M.: Regular Rational Matrix Functions with Prescribed Null and Pole Data Except at Infinity, 387

GOHBERG, I. and SHALOM, T.: On Bezoutians of Nonsquare Matrix Polynomials and Inversion of Matrices with Nonsquare Blocks, 249

Gracia, Juan-Miguel: See Evard, Jean-Claude

GREEN, WILLIAM L. and MORLEY, T. D.: Operator Means and Matrix Functions, 453

KAASHOEK, M. A.: See Gohberg, I.

KANG, J.: See Antoulas, A. C.

KANG, JEONGOOK: See Ball, Joseph, A.

Kunkel, P. and Mehrmann, V.: Numerical Solution of Differential Algebraic Riccati Equations, 39

MEHRMANN, V.: See Kunkel, P. MORLEY, T. D.: See Green, William L.

RAKOWSKI, MAREK: See Ball, Joseph A. RAN, A. C. M.: See Gohberg, I.

RAN, ANDRÉ C. M. AND RODMAN, LEIBA: Stable Invariant Lagrangian Subspaces: Factorization of Symmetric Rational Matrix Functions and Other Applications, 575

RICHARDS, DONALD ST. P.: Totally Positive Kernels, Pólya Frequency Functions, and Generalized Hypergeometric Series, 467

ROCH, S. and SILBERMANN, B.: On Algebras with Standard Indentities, 239

RODMAN, LEIBA: See Ball, Joseph A.; Ran, André C. M.

Schwarz, Binyamin and Zaks, Abraham: Non-Euclidean Motions in Projective Matrix Spaces, 351

Shalom, T.: See Gohberg, I.

SILBERMANN, B.: See Roch, S.

SONTAG, EDUARDO D. and WANG, YUAN: Pole Shifting for Families of Linear Systems Depending on at Most Three Parameters, 3

Sun, JI-GUANG: Multiple Eigenvalue Sensitivity Analysis, 183

TANNENBAUM, ALLEN: See Foias, Ciprian

Van Dooren, P.: Rational and Polynomial Matrix Factorizations via Recursive Pole-Zero Cancellation, 663

VAN DOOREN, PAUL: See Ball, Joseph A.

Wang, Yuan: See Sontag, Eduardo D. Willems, J. C.: See Antoulas, A. C.

Xu, Guo-Liang and Bultheel, Adhemar: Matrix Padé Approximation: Definitions and Properties, 67

ZAKS, ABRAHAM: See Schwarz, Binyamin



